



REPLACEMENT SHEET

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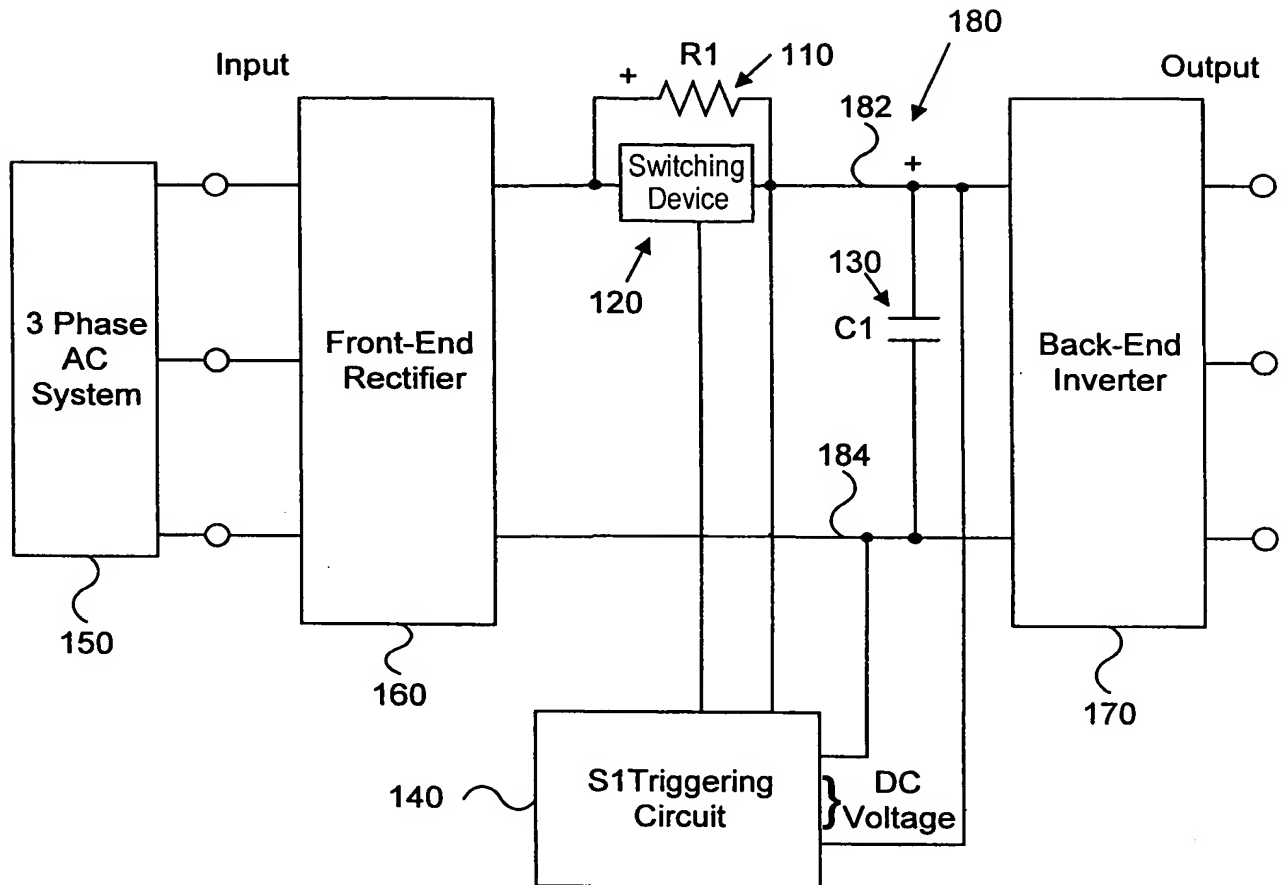


Fig.1
PRIOR ART



REPLACEMENT SHEET

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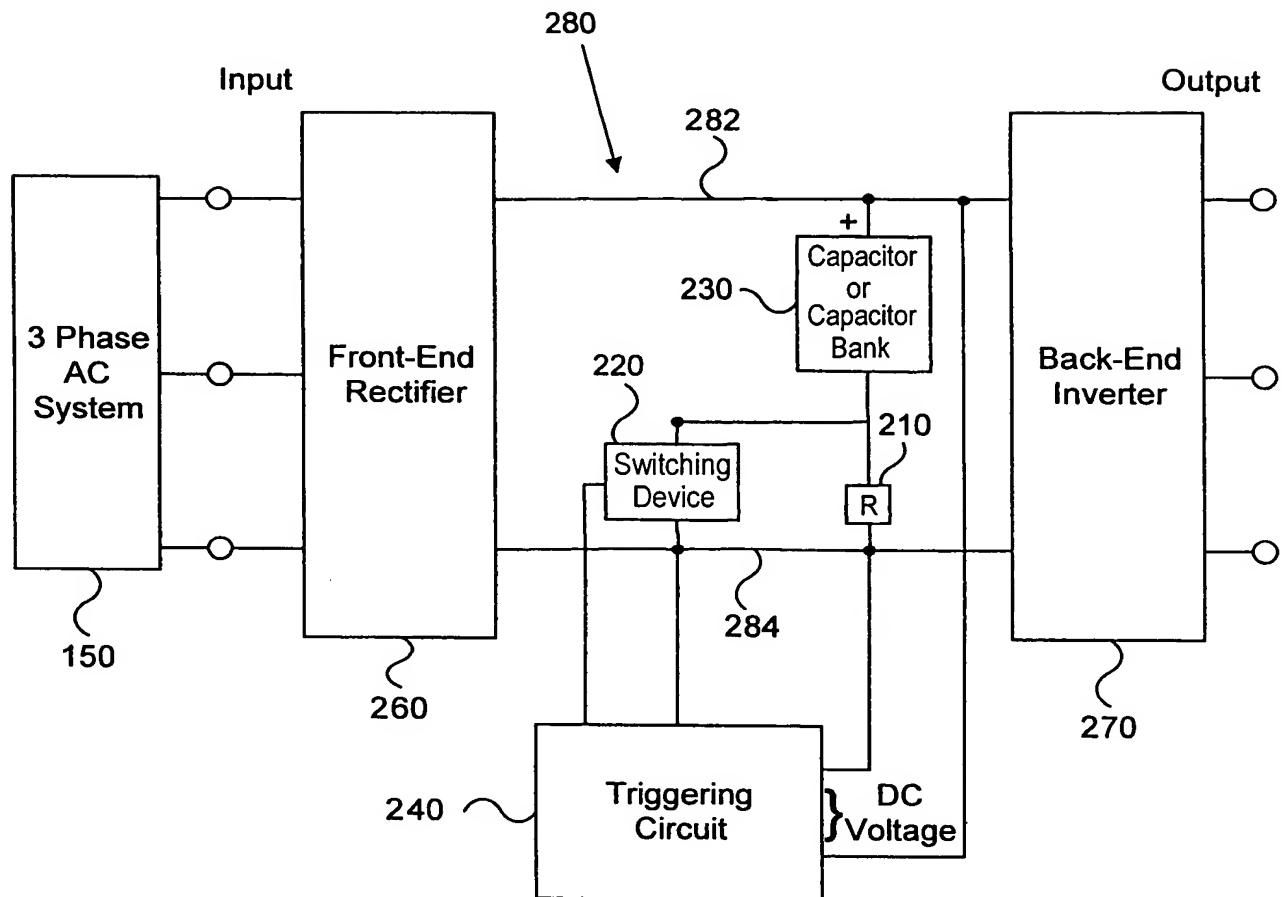


Fig.2



REPLACEMENT SHEET

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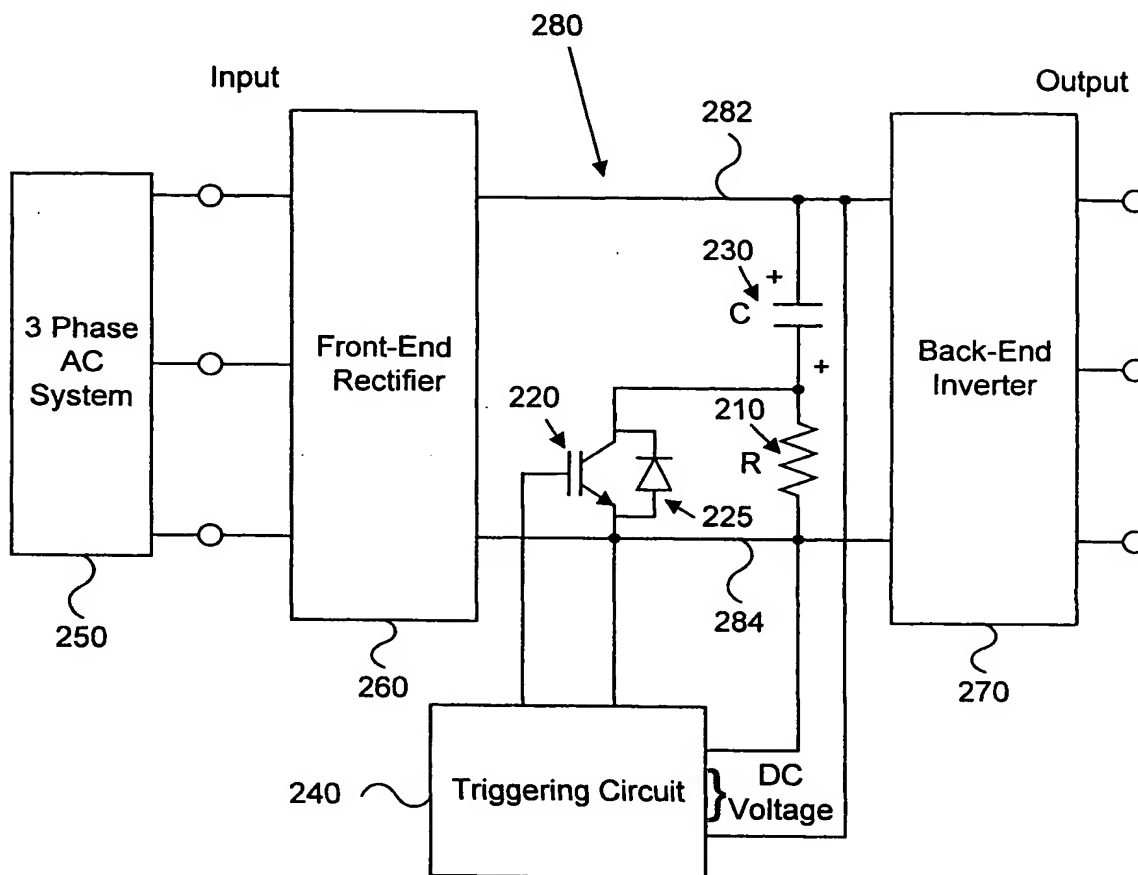


Fig.2A

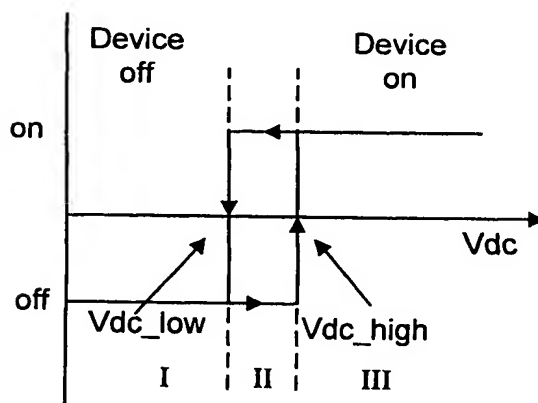


Fig.2B



REPLACEMENT SHEET

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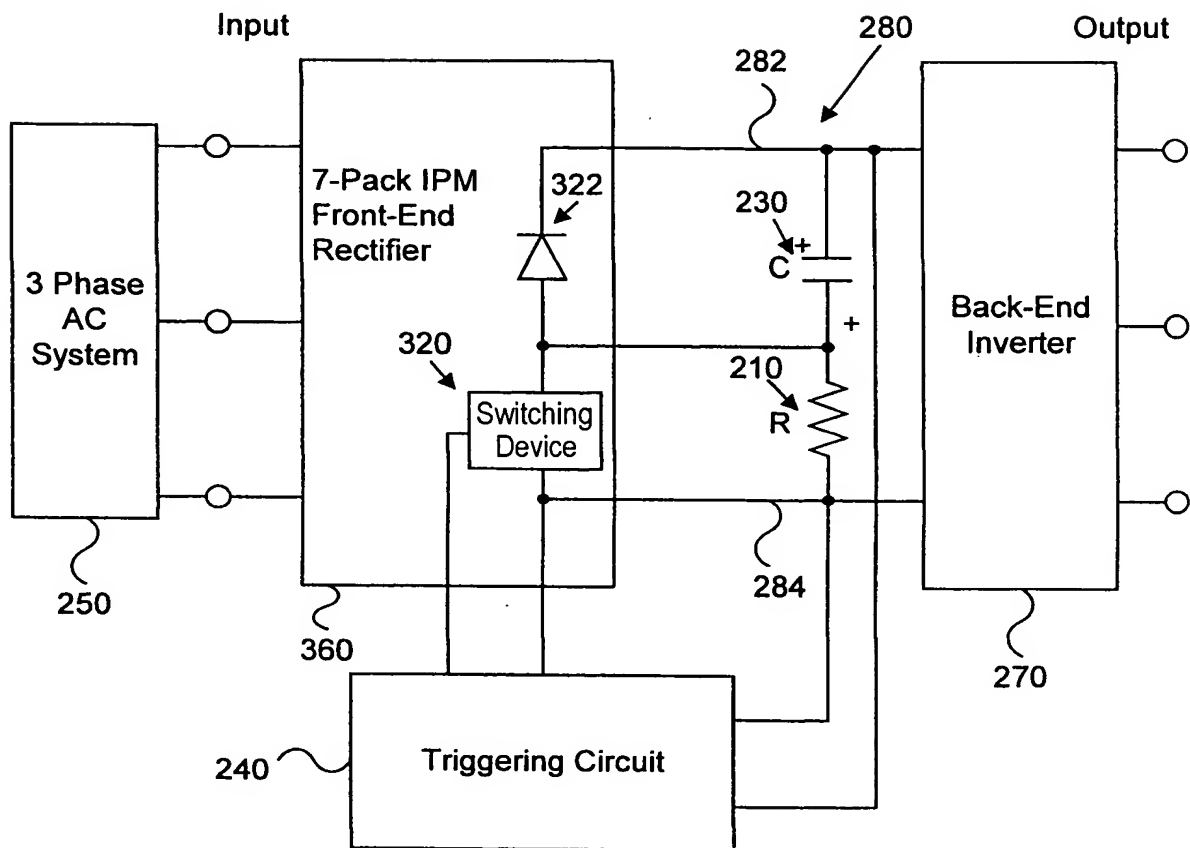
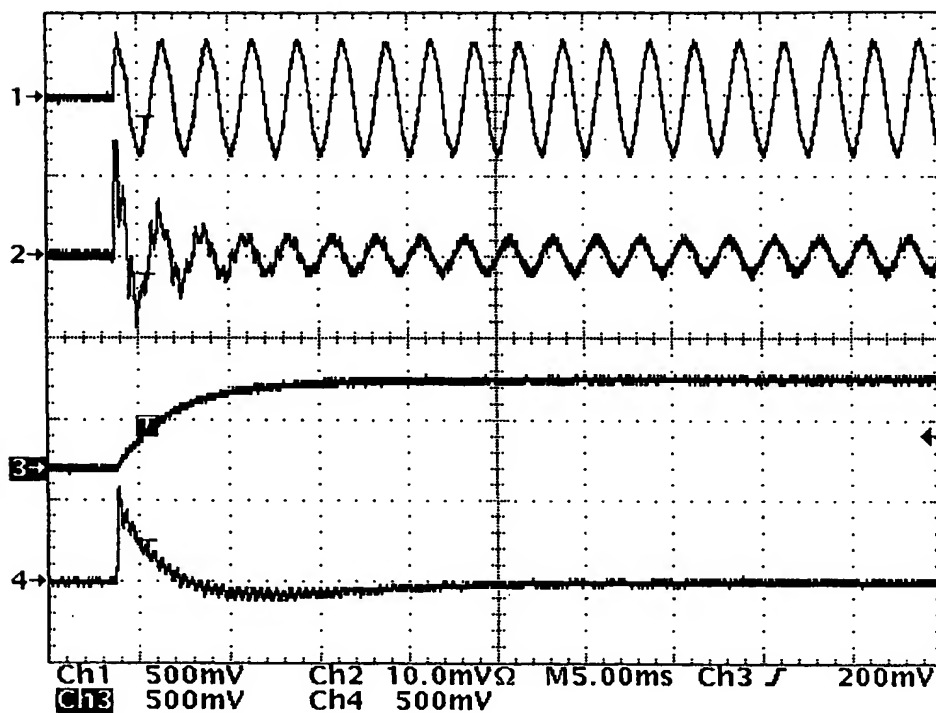


Fig.3



REPLACEMENT SHEET

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Trace 1: AC line-neutral voltage [250V/div]

Trace 2: AC source phase a current [20A/div]

Trace 3: DC bus voltage [250V/div]

Trace 4: DC link current at soft-start [25A/div]

Fig.4